

**INFORMATION REPORT**

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SUBJECT Developments at Zeiss, Jena

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1. The last two-hundred A-1 devices (for the training of aerial gunners) were delivered by Zeiss-Jena to the Soviets on 6 January 1951. The time table for these deliveries was met only because the Soviets lowered their specifications for the screens. Maas, a Zeiss official, remarked that special pressure was exerted by the Soviets for early delivery. Still outstanding is an order for forty reserve screens for these apparatus. Agfa-Wolffen, which is building these screens, has been working on the orders in night and day shifts.

2. Zeiss-Jena is experimenting with new object-glasses, using spinel as raw material. These experiments are apparently going on not in the photographic division but in the telescope or micro division.

3. Diamond dies are still being produced by Zeiss. [REDACTED] 25X1  
The chief of the diamond department at Zeiss, Gause, mentioned recently that the Soviets were extremely interested in obtaining delivery of the dies, and were concerned that proper secrecy surrounded the program. From an exact scale photograph of the dies, it is estimated that the channels measure about .004 to .006 mm, and are unusually smooth. In an attempt to solve the difficult problem of photographing these diamonds, Zeiss is experimenting with beds of molten yellow phosphorous as a background.

4. [REDACTED] 25X1  
Zeiss had obtained twenty-three kilos of platinum, of which 20 kilos were needed to make crucibles for the production of a special glass, and the other three for the production of fluorspar.

5. The production of the micro-division of Zeiss is sold out for twenty months ahead, chiefly because of purchases by China [REDACTED]

6. [REDACTED] 25X1  
Zeiss is still leading in photooptics, astroscopy and microscopy, but that in the field of micro-measuring devices it is no longer first-rate because of a shortage of good scientists.

7. Work on photogrammetry is being taken up again. Manik is working on a new aerosurvey camera.

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